

APPENDIX C

PROPOSED AMENDMENTS TO THE HYBRID EXHAUST EMISSION TEST PROCEDURES, MODEL YEAR 2005 THROUGH 2008

California Environmental Protection Agency
AIR RESOURCES BOARD

**CALIFORNIA EXHAUST EMISSION STANDARDS AND TEST PROCEDURES FOR
~~2005 AND SUBSEQUENT THROUGH 2008~~ MODEL ZERO-EMISSION VEHICLES,
AND ~~2001 AND SUBSEQUENT THROUGH 2008~~ MODEL HYBRID ELECTRIC
VEHICLES, IN THE PASSENGER CAR, LIGHT-DUTY TRUCK AND MEDIUM-DUTY
VEHICLE CLASSES**

Adopted: August 5, 1999
Amended: April 12, 2002
Amended: July 30, 2002
Amended: December 19, 2003
Amended: [Insert date of amendment]
Amended: [Insert date of amendment]

Note: The proposed amendments to this document are shown in underline to indicate additions and ~~strikeout~~ to indicate deletions compared to the test procedures as last amended December 19, 2003. The document in which the amendments are being shown is a version that was initially approved by the Board on March 27, 2008 for adoption as part of the "Rulemaking to Consider Adoption of the 2008 Amendments to the California Zero-Emission Vehicle Regulation." That rulemaking is not yet final. For that reason, the document also includes two sets of proposed changes that the Board authorized staff to offer for public comment as part of the March 27, 2008 rulemaking. The amendments considered by the Board on March 27, 2008 are indicated by double underline to indicate additions and ~~double strikeout~~ to indicate deletions compared to the December 19, 2003 version. The first set of changes to this document for the March 27, 2008 rulemaking are indicated by dotted underline to indicate additions and ~~italics double strikeout~~ to indicate deletions compared to the test procedures issued with the 45-day notice for the Board hearing. The second set of changes to this document for the March 27, 2008 rulemaking are indicated by **dotted underline** to indicate additions and ~~**bold italics double strikeout**~~ to indicate deletions compared to

the test procedures issued with the first 15-day notice for the Board hearing. Existing intervening text that is not amended is indicated by “* * *”.

**CALIFORNIA EXHAUST EMISSION STANDARDS AND TEST PROCEDURES FOR
2005 ~~AND SUBSEQUENT~~ THROUGH 2008 MODEL ZERO-EMISSION VEHICLES,
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VEHICLES, IN THE PASSENGER CAR, LIGHT-DUTY TRUCK AND MEDIUM-DUTY
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A. Applicability

The emission standards and test procedures in this document are applicable to 2005 ~~and subsequent~~ through 2008 model-year zero-emission passenger cars, light-duty trucks and medium-duty vehicles, and 2001 ~~and subsequent~~ through 2008 model-year hybrid electric passenger cars, light-duty trucks and medium-duty vehicles. The general procedures and requirements necessary to certify a vehicle for sale in California are contained in the "California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles" (hereinafter "LDV/MDV TPs"), and apply except as amended herein. A manufacturer may elect to certify a 2000 model-year hybrid electric vehicle under these standards and test procedures and the LDV/MDV TPs.

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C. Zero-Emission Vehicle Standards.

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2. Percentage ZEV Requirements

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2.2 Requirements for Large Volume Manufacturers.

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(b) Alternative Requirements for Large Volume Manufacturers.

(1) Minimum Floor for Production of Type III ZEVs.

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~~(G) Carry-over of Excess Credits. Where a manufacturer generates more qualifying ZEV credits than are needed to meet the minimum floor requirement for the production of Type III ZEVs in one of the periods identified in section C.2.2(b)(1)(A) (C), the qualifying ZEV credits may be used towards meeting the minimum floor requirement for the production of Type III ZEVs in a subsequent period, provided that the value of those carryover credits shall be based on the model year in which the credits are used.~~

ZEV credits generated from excess production in model years 2005 through 2008 may be carried forward and applied to the 2009 through 2011 minimum floor requirement specified in ~~4962.1(b)(2)(B)1.b~~ the “California Exhaust Emission Standards and Test Procedures for 2009 and Subsequent Model Zero-Emission Vehicles, and 2004 and Subsequent Model Hybrid Electric Vehicles, in the Passenger Car, Light-Duty Truck and Medium-Duty Vehicle Classes.” section C.2.2(b)(1)(B) provided that the value of these carryover credits shall be based on the model year in which the credits are used.

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